POWER AMPLIFIER

KAC-7202/7252

SERVICE MANUAL

KENWOOD

Kenwood Corporation

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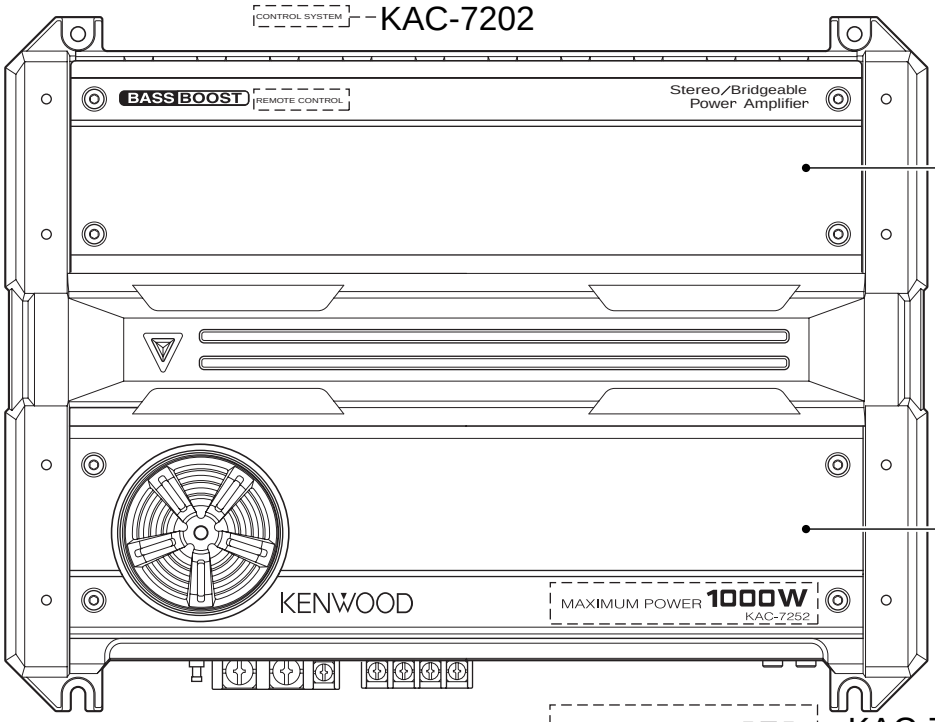
B53-0248-00 (N) 1708

KAC-7252
(E type,M type)



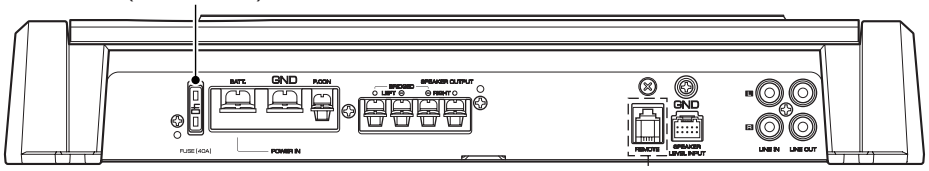
Dressing Panel
(A21-4463-02)
: KAC-7252
(A21-4525-02)
: KAC-7202

Dressing Panel
(A21-4467-02)
: KAC-7252(K type)
(A21-4468-02)
: KAC-7202
(A21-4526-02)
: KAC-7252(E type),
KAC-7252(M type)

KAC-7252 KAC-7252 (K type)

KAC-7202 KAC-7202

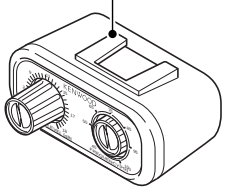
Fuse (40A)
(F52-0016-05)



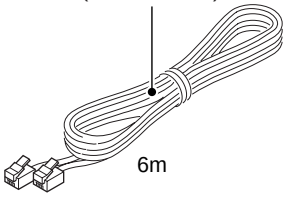
Except KAC-7202

Except KAC-7202

Remote control

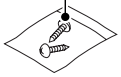


Modular cable
(E30-6240-15)



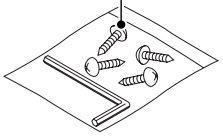
Mouting hardware
(J22-0301-14)

Screw set
(N99-1766-05)

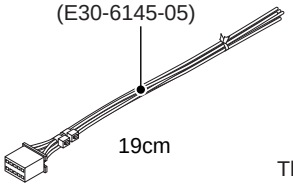


Accessories
(W01-1606-05)

Screw set
(N99-1759-05)

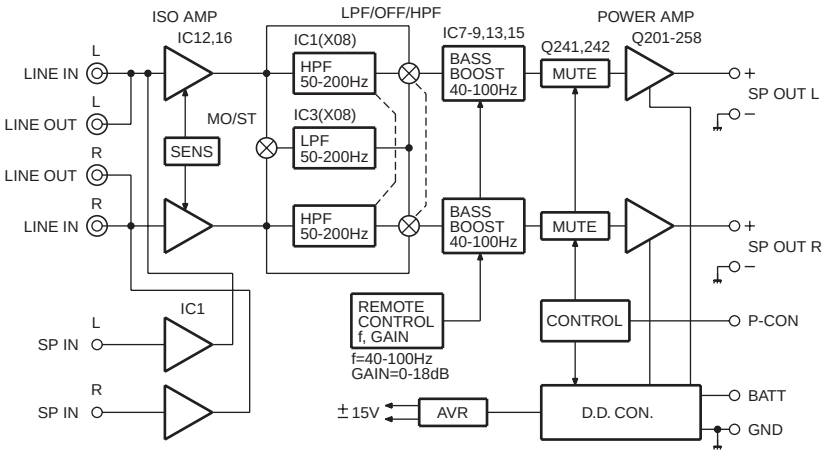


Connecting cord assy
(E30-6145-05)



This product uses Lead Free solder.

BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● PREAMPLIFIER UNIT (X08-4190-1x)

Ref. No.	Application / Function
IC1	HPF
IC2	Phase reversal amplifier (Lch only)
IC3	LPF
IC4~6	Bass-boost circuit
IC7	Bass-boost mixing amplifier

● AUDIO UNIT (X09-5830-1x)

Ref. No.	Application / Function
IC1,12,16	Input isolation amplifier
IC5	DC/DC converter
IC6	Temperature detection comparator
IC7,8	For adjusting bass-boost f
IC9	For adjusting bass-boost gain
IC13	Bass-boost phase shifter
IC15	Bass-boost mixing amplifier
Q1,2	±15V AVR
Q3~8	DC/DC converter FET
Q9~12	DC/DC converter FET driver
Q13,14	For controlling DC/DC converter FET driver

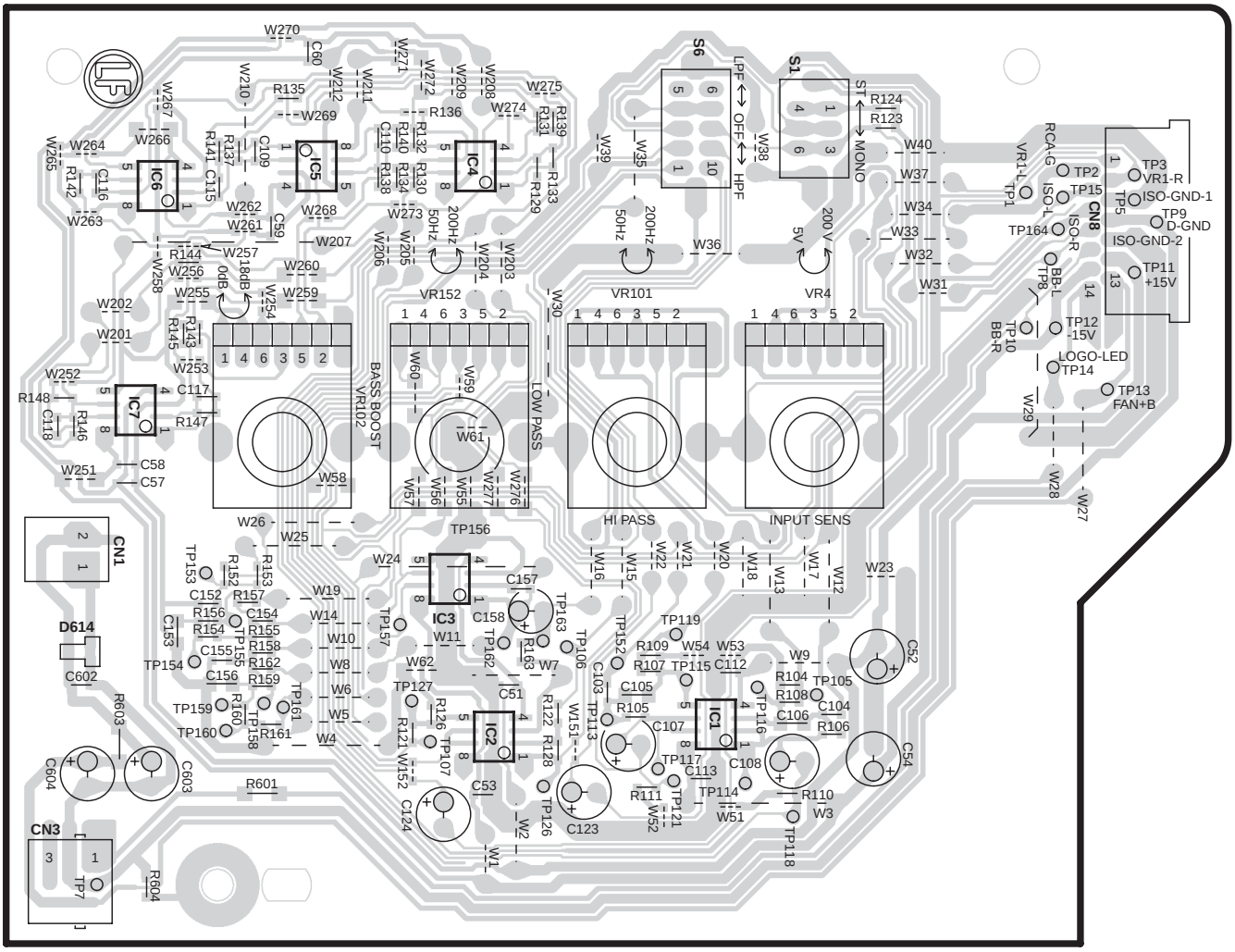
Ref. No.	Application / Function
Q101	Remote controller reference voltage
Q201~204	Power amplifier initial step differential driving
Q209,210	Current limiter
Q205~208	Power amplifier second step differential driving
Q211,213	Temperature detection for idling
Q220,222~227,229	Power amplifier final
Q241,242	Power amplifier mute
Q251~258	Power amplifier driver
Q280,282	Power amplifier ATT (-3dB)
Q601,615~618	Power-ON shock preventer circuit
Q602	P-Con OFF detection
Q603	Mute drive
Q604,605	P-Con control circuit
Q606	Excess voltage detection
Q607,608,619,620	Temperature detection control circuit
Q609	Fan power supply
Q610	Excess current detection
Q611,612	DC detection
Q613,614	DC detection for latch
Q621,622	For LED control
Q623	Temperature detection control circuit

ADJUSTMENT

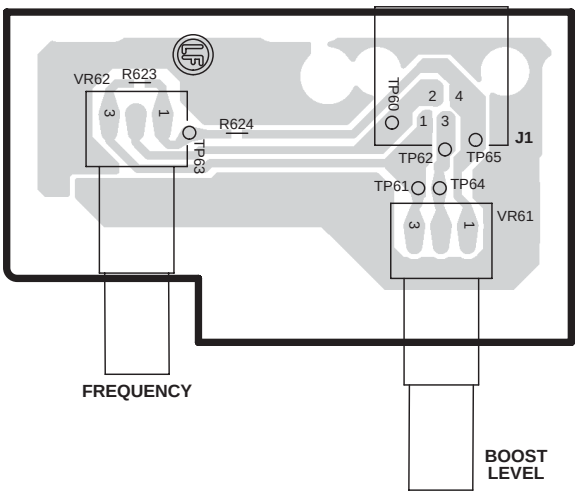
No.	ITEM	ALIGNMENT POINT	METHOD	ALIGN FOR	NOTE
1	IDLE CURRENT	VR1 (Lch) VR2 (Rch)	Connect a DC voltmeter between check land (Refer to PC BOARD)	2.5mV	After Power on 5 minutes

PC BOARD (FOIL SIDE VIEW)

PREAMPLIFIER UNIT X08-4190-1x A/2 (J76-0069-12)



X08 B/2



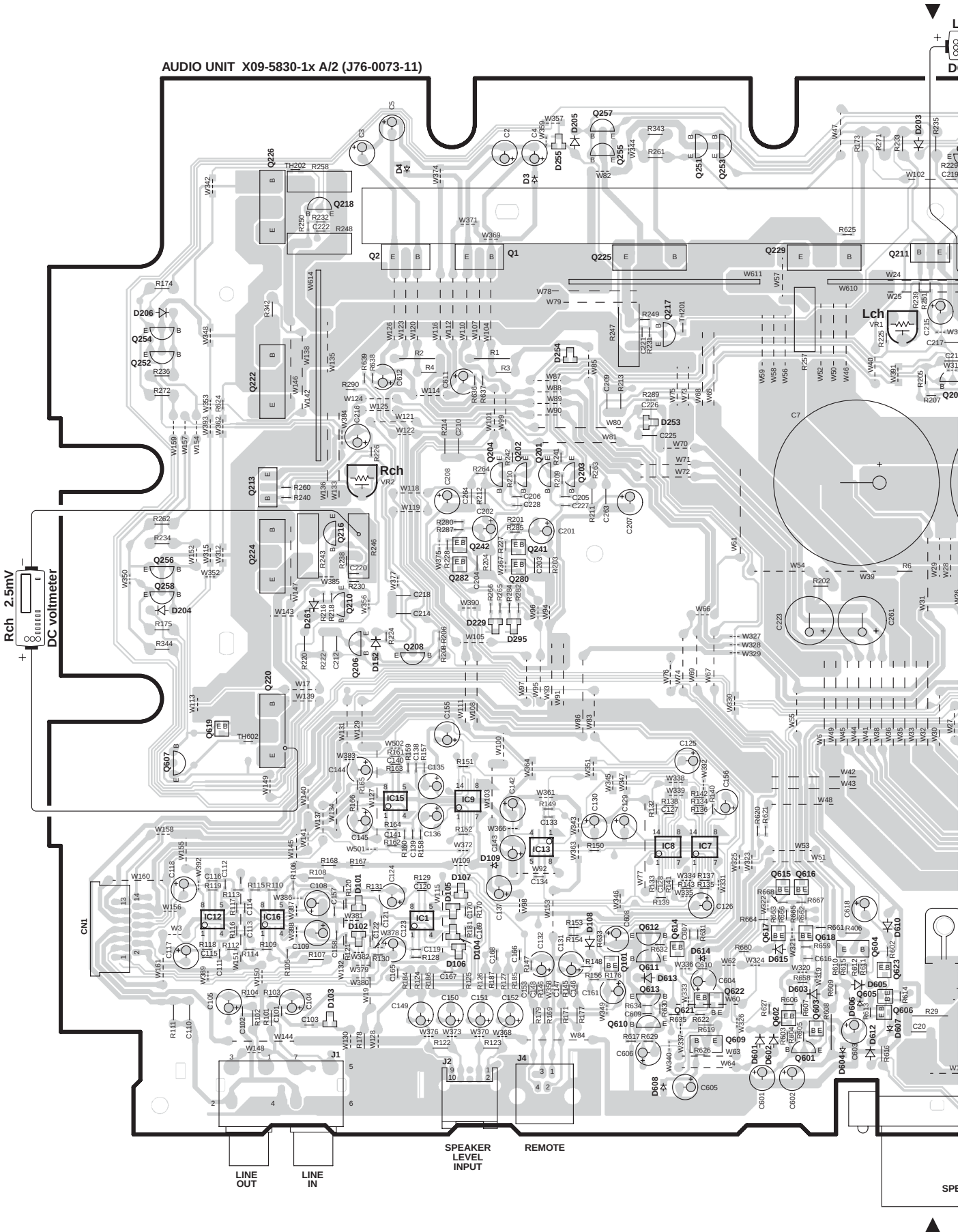
X08-4190-1x

Ref. No.	Address
IC1	4C
IC2	4B
IC3	4B
IC4	2B
IC5	2B
IC6	2A
IC7	3A

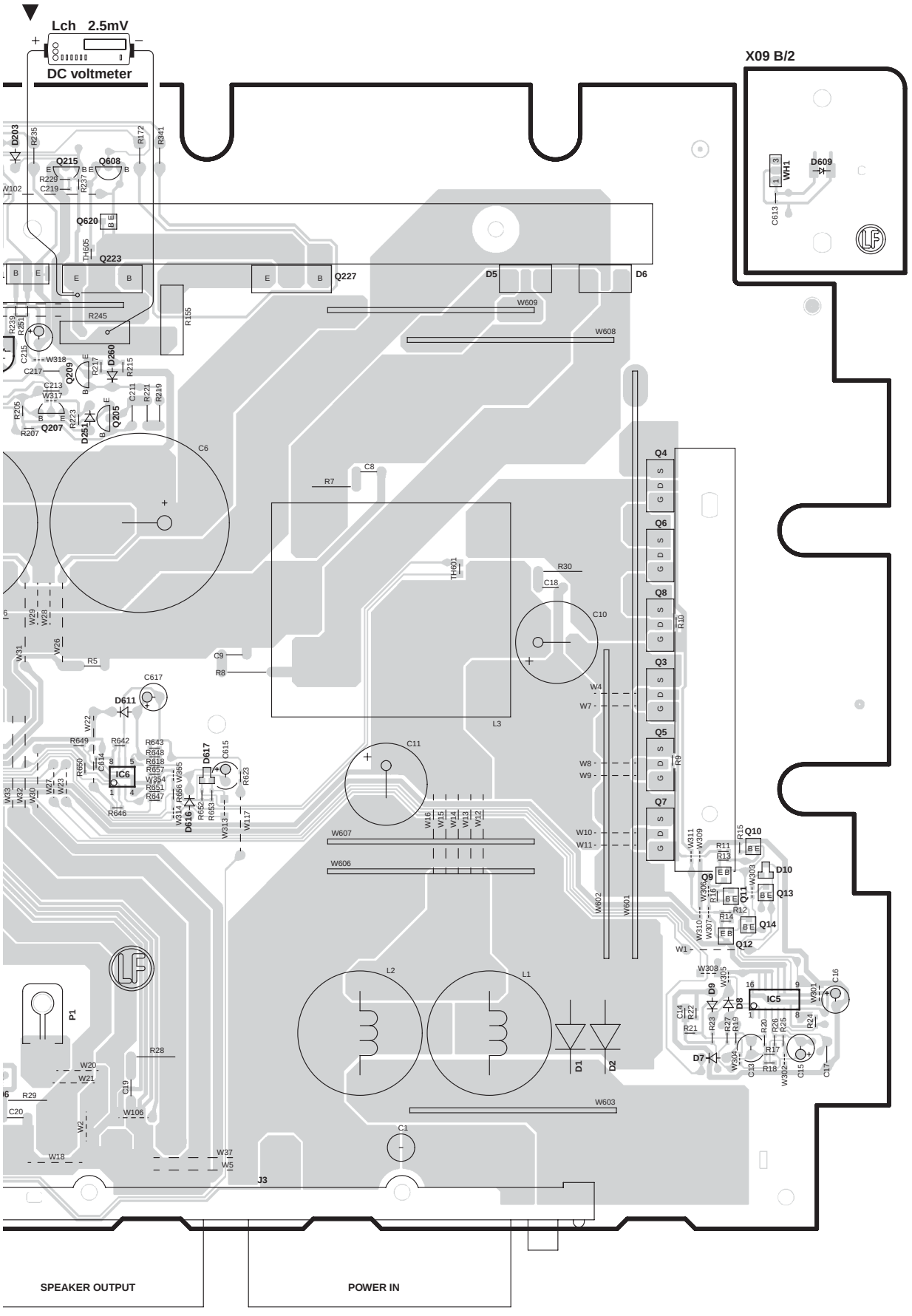
Refer to the schematic diagram for the values of resistors and capacitors.

KAC-7202/7252

PC BOARD (FOIL SIDE VIEW)



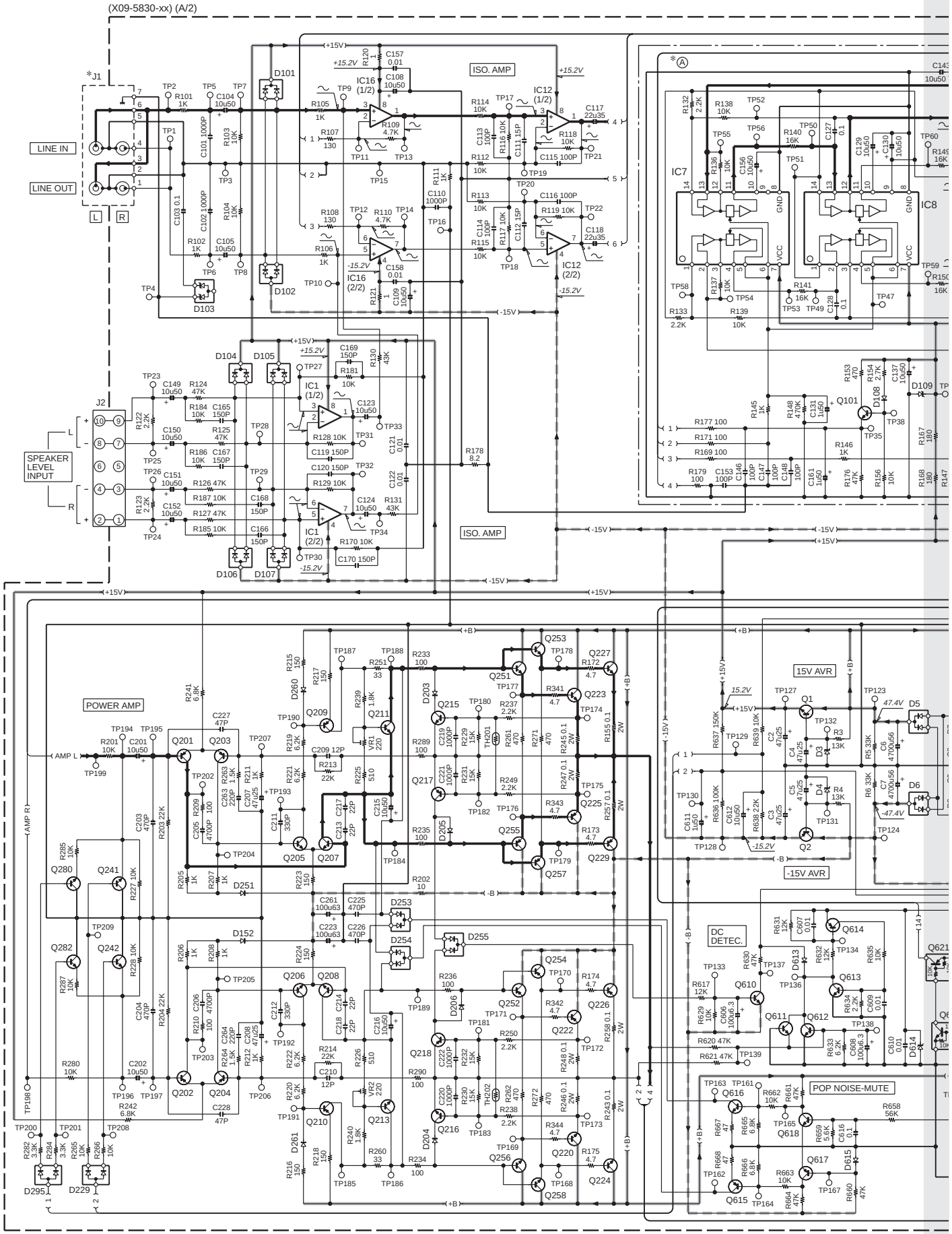
Refer to the schematic diagram for the values of resistors and capacitors.



X09-5830-1x

Ref. No.	Address
IC1	6H
IC5	6N
IC6	5K
IC7	5I
IC8	5I
IC9	5H
IC12	6G
IC13	5H
IC15	5H
IC16	6G
Q1	2H
Q2	2H
Q3	4N
Q4	3N
Q5	4N
Q6	3N
Q7	5N
Q8	4N
Q9	5N
Q10	5N
Q11	5N
Q12	5N
Q13	5N
Q14	5N
Q101	6I
Q201	3H
Q202	3H
Q203	3I
Q204	3H
Q205	3K
Q206	4G
Q207	3K
Q208	4H
Q209	3K
Q210	4G
Q211	2J
Q213	3G
Q215	2K
Q216	4G
Q217	3I
Q218	2G
Q220	4G
Q222	3G
Q223	2K
Q224	4G
Q225	2I
Q226	2G
Q227	2L
Q229	2J
Q241	4H
Q242	4H
Q251	2I
Q252	3F
Q253	2I
Q254	3F
Q255	2I
Q256	4G
Q257	2I
Q258	4G
Q280	4H
Q282	4H
Q601	6J
Q602	6J
Q603	6J
Q604	6J
Q605	6J
Q606	6J
Q607	5G
Q608	2K
Q609	6I
Q610	6I
Q611	6I
Q612	6I
Q613	6I
Q614	6I
Q615	5J
Q616	5J
Q617	6J
Q618	6J
Q619	5G
Q620	2K
Q621	6I
Q622	6I
Q623	6J

KAC-7202/7252



KAC-7202/7252

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

(X09-5830-xx)

MODEL NAME	UNIT No.	Ⓐ	J1	J3	W501, 502
KAC-7252(J) KAC-7252(K) KAC-7252(M) KAC-7252(E)	0-10	YES	E63-0921-05	E70-0838-05	NO
KAC-7202(K)	0-11	NO	E63-0926-05	E63-0843-05	YES

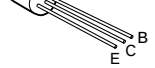
IC1,6,12,13,15,16 : RC4580IDR
IC5 : TL494IDR
IC7-9 : NJM2172V-ZBTE2

Q1 : 2SD2012-F
Q2 : 2SB1375-F
Q3-8 : 2SK3662-F
Q9,12 : 2SC4097
Q10,11 : 2SA1577
Q13,14,621 : DTA114EUA
Q101,241,242,280,282, 602,605,606,616,618 : 2SC4081
Q201-204,217,218,607,608 : 2SA992-A(F,E)
Q205-208 : 2SC3478AA(L,K)
Q209,210 : 2SA1376AA(L,K)
Q211,213 : 2SC3419(Y)-F
Q215,216,601 : 2SC1845-A(F,E)
Q220,223,224,227 : 2SC4467NF
Q222,225,226,229 : 2SA1694NF
Q251,253,256,258 : 2SC2235-F
Q252,254,255,257 : 2SA965-F
Q603,614,615,617 : 2SA1576A
Q604 : 2SB1241
Q609 : 2SD1863
Q610-613 : 2SC945AA(Q,P)
Q619,620,622,623 : DTC114EUA

D1,2 : RM4ZLF-J1NF
D3,4 : 02DZ16F-Y
D5 : FCH10A20
D6 : FRH10A20
D7-9,108,152,203-206, 251,260,261,605, 601-603,610-613,615, 616 : 1SS133
D10,101,102,104-107, 229,253-255,295,617 : LM1MA142WK-G
D103 : UMZ6.8N
D109 : 02DZ5.1F-Y
D604,614 : 02DZ10F-Y
D606 : 02DZ15F-Y
D607 : 02DZ6.8F-Y
D608 : 02DZ12F-Y

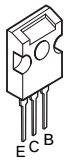
SIGNAL LINE
GND LINE
+B LINE
−B LINE

2SA965-F
2SA992-A
2SC1845-A
2SC2235-F



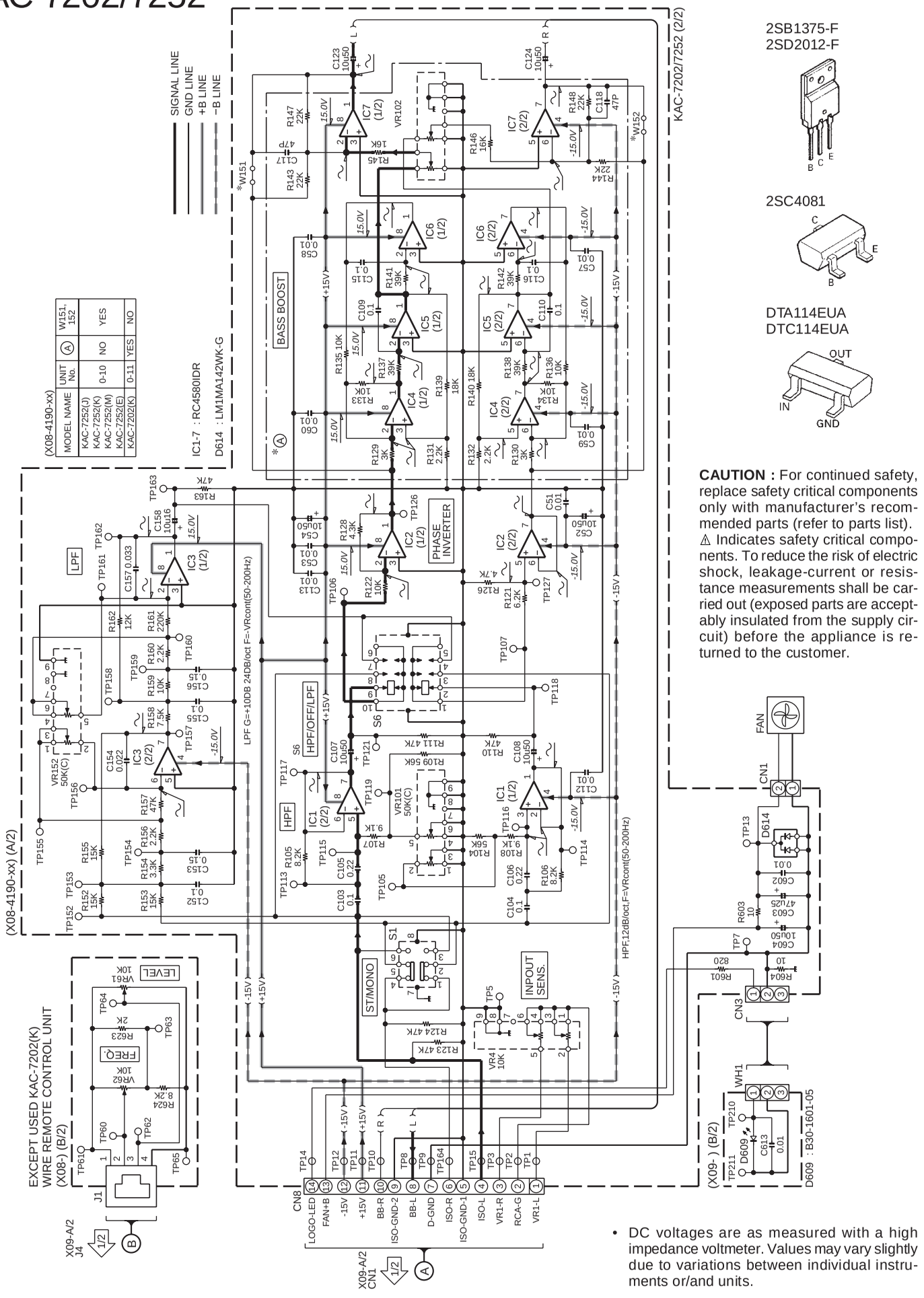
2SA1576A

2SC3419



KAC-7202/7252 (1/2)

KAC-7202/7252



2SB1375-F
2SD2012-F

2SC4081

DTA114EUA
DTC114EUA

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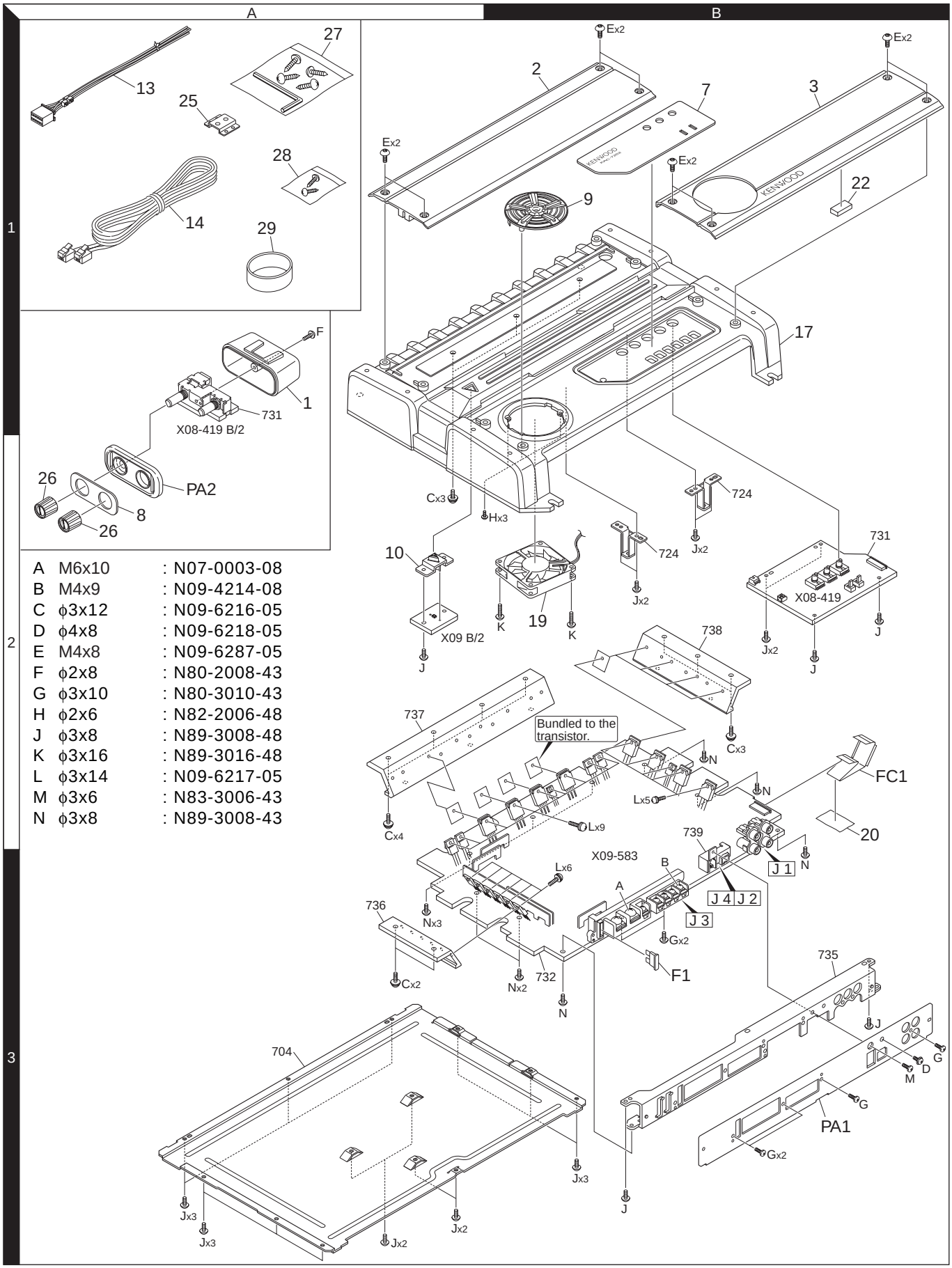
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW



A	M6x10	:	N07-0003-08
B	M4x9	:	N09-4214-08
C	ϕ3x12	:	N09-6216-05
D	ϕ4x8	:	N09-6218-05
E	M4x8	:	N09-6287-05
F	ϕ2x8	:	N80-2008-43
G	ϕ3x10	:	N80-3010-43
H	ϕ2x6	:	N82-2006-48
J	ϕ3x8	:	N89-3008-48
K	ϕ3x16	:	N89-3016-48
L	ϕ3x14	:	N09-6217-05
M	ϕ3x6	:	N83-3006-43
N	ϕ3x8	:	N89-3008-43

Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
KAC-7202/7252					
1	1A	✻	A02-2738-02	PLASTIC CABINET (REMO)	KE1M1
2	1B	✻	A21-4463-02	DRESSING PANEL	KE1M1
2	1B	✻	A21-4525-02	DRESSING PANEL	K1
3	1B	✻	A21-4467-02	DRESSING PANEL	K
3	1B	✻	A21-4468-02	DRESSING PANEL	K1
3	1B	✻	A21-4526-02	DRESSING PANEL	E1M1
PA1	3B	✻	A64-3535-02	PANEL	KE1M1
PA1	3B	✻	A64-3540-02	PANEL	K1
PA2	2A	✻	A64-3541-12	PANEL (REMO)	KE1M1
7	1B	✻	B03-5042-02	DRESSING PLATE	KE1M1
7	1B	✻	B03-5043-02	DRESSING PLATE	K1
8	2A	✻	B03-5049-04	DRESSING PLATE (REMO)	KE1M1
9	1B	✻	B07-3130-12	ESCUTCHEON	
10	2A	✻	B19-2324-03	LIGHTING BOARD	
-			B46-0100-50	WARRANTY CARD	
-		✻	B58-1427-04	CAUTION CARD	
-		✻	B64-3011-00	INSTRUCTI.MANUAL (ENG.FRE.SPA.)	KE1K1
-		✻	B64-3012-00	INSTR.MANUAL (GER.DUT.ITA.POR.)	E1
-		✻	B64-3013-00	INSTRUCTION MANUAL (ENG.T-CHI.)	M1
13	1A		E30-6145-05	CONNECTING CORD ASSY	
14	1A		E30-6240-15	MODULAR CABLE	KE1M1
FC1	2B	✻	E39-0699-15	FLAT CABLE	
17	1B		F01-1770-11	HEAT SINK	
19	2B		F09-1885-15	FAN	
20	2B	✻	F09-1958-04	SHEET	
⚠ F1	3B		F52-0016-05	FUSE (BLADE TYPE) 40A	
22	1B	✻	G11-3647-04	CUSHION	
-		✻	H10-4932-03	POLYSTYRENE FOAMED FIXTURE	
-			H25-1199-04	PROTECTION BAG	
-			H25-1200-04	PROTECTION BAG (250X350X0.03)	
-		✻	H25-1216-04	PROTECTION BAG (REMO)	KE1M1
-		✻	H54-3401-03	ITEM CARTON CASE	K
-		✻	H54-3402-03	ITEM CARTON CASE	E1
-		✻	H54-3403-03	ITEM CARTON CASE	K1
-		✻	H54-3404-03	ITEM CARTON CASE	M1
25	1A	✻	J22-0301-14	MOUNTING HARDWARE (REMO)	KE1M1
26	2A	✻	K23-1093-03	KNOB (REMO)	KE1M1
27	1A	✻	N99-1759-05	SCREW SET	
28	1A	✻	N99-1766-05	SCREW SET (REMO)	KE1M1
A	3B		N07-0003-08	SEMS M6 (Au)	
B	3B		N09-4214-08	SEMS M4 (Au)	
C	2B		N09-6216-05	TAPTITE SCREW (3X12)	
D	3B		N09-6218-05	TAPTITE SCREW (4X8)	
E	1B	✻	N09-6287-05	DRESSED SCREW (M4X8)	
F	1A		N80-2008-43	PAN HEAD TAPTITE SCREW	KE1M1
G	3B		N80-3010-43	PAN HEAD TAPTITE SCREW	
H	2B		N82-2006-48	BINDING HEAD TAPTITE SCREW	
J	3B		N89-3008-48	BINDING HEAD TAPTITE SCREW	
K	2B		N89-3016-48	BINDING HEAD TAPTITE SCREW	

Ref. No.	Add	New	Parts No.	Description	Destination
29	1A		W01-1606-05	ACCESSORIES	
PREAMPLIFIER UNIT (X08-4190-1x)					
C51			CK73GB1H103K	CHIP C 0.010UF K	
C52			CD04BJ1H100M	ELECTRO 10UF 50WV	
C53			CK73GB1H103K	CHIP C 0.010UF K	
C54			CD04BJ1H100M	ELECTRO 10UF 50WV	
C57-60			CK73GB1H103K	CHIP C 0.010UF K	K1
C103,104			CK73GB1C104K	CHIP C 0.10UF K	
C105,106			CK73FB1C224K	CHIP C 0.22UF K	
C107,108			CD04BJ1H100M	ELECTRO 10UF 50WV	
C109,110			CK73GB1C104K	CHIP C 0.10UF K	K1
C112,113			CK73GB1H103K	CHIP C 0.010UF K	
C115,116			CK73GB1C104K	CHIP C 0.10UF K	K1
C117,118			CC73GCH1H470J	CHIP C 47PF J	K1
C123,124			CD04BJ1H100M	ELECTRO 10UF 50WV	
C152			CK73GB1C104K	CHIP C 0.10UF K	
C153			CK73FB1C154K	CHIP C 0.15UF K	
C154			CK73GB1E223K	CHIP C 0.022UF K	
C155			CK73GB1C104K	CHIP C 0.10UF K	
C156			CK73FB1C154K	CHIP C 0.15UF K	
C157			CK73GB1E333K	CHIP C 0.033UF K	
C158			CD04AS1C100M	ELECTRO 10UF 16WV	
C602			CK73GB1H103K	CHIP C 0.010UF K	
C603			CD04BJ1E470M	ELECTRO 47UF 25WV	
C604			CD04BJ1H100M	ELECTRO 10UF 50WV	
CN1			E41-0941-05	PIN ASSY	
CN3			E41-0942-05	PIN ASSY	
CN8		✻	E41-2277-05	FLAT CABLE CONNECTOR	
J1		✻	E58-0966-15	RECTANGULAR RECEPTACLE	KE1M1
R104			RK73GB2A563J	CHIP R 56K J 1/10W	
R105,106			RK73GB2A822J	CHIP R 8.2K J 1/10W	
R107,108			RK73GB2A912J	CHIP R 9.1K J 1/10W	
R109			RK73GB2A563J	CHIP R 56K J 1/10W	
R110,111			RK73GB2A473J	CHIP R 47K J 1/10W	
R121			RK73GB2A622J	CHIP R 6.2K J 1/10W	
R122			RK73GB2A103J	CHIP R 10K J 1/10W	
R123,124			RK73GB2A473J	CHIP R 47K J 1/10W	
R126			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R128			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R129,130			RK73GB2A302J	CHIP R 3.0K J 1/10W	K1
R131,132			RK73GB2A222J	CHIP R 2.2K J 1/10W	K1
R133-136			RK73GB2A103J	CHIP R 10K J 1/10W	K1
R137,138			RK73GB2A393J	CHIP R 39K J 1/10W	K1
R139,140			RK73GB2A183J	CHIP R 18K J 1/10W	K1
R141,142			RK73GB2A393J	CHIP R 39K J 1/10W	K1
R143,144			RK73GB2A223J	CHIP R 22K J 1/10W	K1
R145,146			RK73GB2A163J	CHIP R 16K J 1/10W	K1
R147,148			RK73GB2A223J	CHIP R 22K J 1/10W	K1
R152,153			RK73GB2A153J	CHIP R 15K J 1/10W	
R154			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R155			RK73GB2A153J	CHIP R 15K J 1/10W	
R156			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R157			RK73GB2A473J	CHIP R 47K J 1/10W	
R158			RK73GB2A752J	CHIP R 7.5K J 1/10W	

K : KAC-7252 **K1** : KAC-7202 (North America)
E1 : KAC-7252 (Europe) **M1** : KAC-7252 (Other Areas)

⚠ Indicates safety critical components.

PARTS LIST

PREAMPLIFIER UNIT (X08-4190-1x)

Ref. No.	Add	New	Parts No.	Description	Destination
R159			RK73GB2A103J	CHIP R 10K J 1/10W	
R160			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R161			RK73GB2A224J	CHIP R 220K J 1/10W	
R162			RK73GB2A123J	CHIP R 12K J 1/10W	
R163			RK73GB2A473J	CHIP R 47K J 1/10W	
R601			RK73EB2E821J	CHIP R 820 J 1/4W	
R603			RK73EB2E100J	CHIP R 10 J 1/4W	
R604			RK73GB2A100J	CHIP R 10 J 1/10W	
R623			RK73GB2A202J	CHIP R 2.0K J 1/10W	KE1M1
R624			RK73GB2A822J	CHIP R 8.2K J 1/10W	KE1M1
VR4			R31-0246-05	VARIABLE RESISTOR	
VR61,62		✻	R31-0243-05	VARIABLE RESISTOR	KE1M1
VR101			R31-0241-05	VARIABLE RESISTOR	
VR102			R31-0244-05	VARIABLE RESISTOR	K1
VR152			R31-0241-05	VARIABLE RESISTOR	
W51-54			R92-1252-05	CHIP R 0 OHM J 1/16W	
W55-58			R92-2053-05	CHIP R 0 OHM J 1/8W	
W59			R92-1252-05	CHIP R 0 OHM J 1/16W	
W60-62			R92-2053-05	CHIP R 0 OHM J 1/8W	
W151,152			R92-1252-05	CHIP R 0 OHM J 1/16W	KE1M1
W251			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
W252-254			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
W255			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
W256-258			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
W259,260			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
W261-265			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
W266			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
W267-271			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
W272			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
W273-275			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
W276,277			R92-2053-05	CHIP R 0 OHM J 1/8W	K1
S1			S62-0873-05	SLIDE SWITCH	
S6			S62-0874-05	SLIDE SWITCH	
D614			LM1MA142WK-G	DIODE	
IC1-3			RC4580IDR	ANALOGUE IC	KE1M1
IC1-7			RC4580IDR	ANALOGUE IC	K1

AUDIO UNIT (X09-5830-1x)

Ref. No.	Add	New	Parts No.	Description	Destination
D609			B30-1601-05	LED	
C1			C90-5557-05	ELECTRO 10UF 25WV	
C2-5			CD04BJ1E470M	ELECTRO 47UF 25WV	
C6,7			C90-5690-05	ELECTRO 4700UF 56WV	
C8,9			CQ92FM1H152J	MYLAR 1500PF J	
C10,11			CD04BC1C392M	ELECTRO 3900UF 16WV	
C13		✻	C90-5563-05	ELECTRO 2.2UF 50WV	
C14			CK73FB1H104K	CHIP C 0.10UF K	
C15			CD04BJ1E470M	ELECTRO 47UF 25WV	
C16			CD04BJ1H100M	ELECTRO 10UF 50WV	
C17			CQ92FM1H102J	MYLAR 1000PF J	
C18			CQ92FM1H222J	MYLAR 2200PF J	
C19,20			CQ92FM1H473J	MYLAR 0.047UF J	
C101,102			CK73GB1H102K	CHIP C 1000PF K	
C103			CK73FB1H104K	CHIP C 0.10UF K	
C104,105			CD04BJ1H100M	ELECTRO 10UF 50WV	
C108,109			CD04BJ1H100M	ELECTRO 10UF 50WV	
C110			CQ92FM1H102J	MYLAR 1000PF J	
C111,112			CC73GCH1H150J	CHIP C 15PF J	
C113-116			CC73GCH1H101J	CHIP C 100PF J	
C117,118		✻	CD04BJ1V220M	ELECTRO 22UF 35WV	
C119,120			CC73GCH1H151J	CHIP C 150PF J	
C121,122			CK73GB1H103K	CHIP C 0.010UF K	
C123-126			CD04BJ1H100M	ELECTRO 10UF 50WV	KE1M1
C123,124			CD04BJ1H100M	ELECTRO 10UF 50WV	K1
C127,128			CK73GB1C104K	CHIP C 0.10UF K	KE1M1
C129,130			CD04BJ1H100M	ELECTRO 10UF 50WV	KE1M1
C131			CD04BJ1H010M	ELECTRO 1.0UF 50WV	KE1M1
C132			CD04BJ1E470M	ELECTRO 47UF 25WV	KE1M1
C133,134			CK73GB1C104K	CHIP C 0.10UF K	KE1M1
C135-137			CD04BJ1H100M	ELECTRO 10UF 50WV	KE1M1
C138,139			CK73GB1C104K	CHIP C 0.10UF K	KE1M1
C140,141			CC73GCH1H470J	CHIP C 47PF J	KE1M1
C142-145			CD04BJ1H100M	ELECTRO 10UF 50WV	KE1M1
C146-148			CC73GCH1H101J	CHIP C 100PF J	KE1M1
C149-152			CD04BJ1H100M	ELECTRO 10UF 50WV	
C153			CC73GCH1H101J	CHIP C 100PF J	KE1M1
C155,156			CD04BJ1H100M	ELECTRO 10UF 50WV	KE1M1
C157,158			CK73GB1H103K	CHIP C 0.010UF K	
C161			CD04BJ1H010M	ELECTRO 1.0UF 50WV	KE1M1
C165-170			CC73GCH1H151J	CHIP C 150PF J	
C201,202			CD04BJ1H100M	ELECTRO 10UF 50WV	
C203,204			CC45FSL1H471J	CERAMIC 470PF J	
C205,206			CK73GB1H472K	CHIP C 4700PF K	
C207,208			CD04BJ1E470M	ELECTRO 47UF 25WV	
C209,210			CC45FSL1H120J	CERAMIC 12PF J	
C211,212			CC45FSL1H331J	CERAMIC 330PF J	
C213,214			CC45FSL1H220J	CERAMIC 22PF J	
C215,216			CD04BJ1H100M	ELECTRO 10UF 50WV	
C217,218			CC45FSL1H220J	CERAMIC 22PF J	
C219-222			CK73GB1H102K	CHIP C 1000PF K	
C223		✻	CD04BJ1J101M	ELECTRO 100UF 63WV	
C225,226			CC45FSL1H471J	CERAMIC 470PF J	
C227,228			CC73GCH1H470J	CHIP C 47PF J	
C261		✻	CD04BJ1J101M	ELECTRO 100UF 63WV	
C263,264			CC45FSL1H221J	CERAMIC 220PF J	
C601		✻	CD04BJ1E330M	ELECTRO 33UF 25WV	
C602-605			CD04BJ1H100M	ELECTRO 10UF 50WV	
C606		✻	CD04BJ0J101M	ELECTRO 100UF 6.3WV	
C607			CK73GB1H103K	CHIP C 0.010UF K	
C608		✻	CD04BJ0J101M	ELECTRO 100UF 6.3WV	
C609,610			CK73GB1H103K	CHIP C 0.010UF K	
C611			CD04BJ1H010M	ELECTRO 1.0UF 50WV	
C612			CD04BJ1H100M	ELECTRO 10UF 50WV	
C613,614			CK73GB1H103K	CHIP C 0.010UF K	
C615			CD04BJ1H100M	ELECTRO 10UF 50WV	
C616			CK73FB1H104K	CHIP C 0.10UF K	
C617,618			CD04BJ1H100M	ELECTRO 10UF 50WV	
CN1		✻	E41-2277-05	FLAT CABLE CONNECTOR	
J1		✻	E63-0921-05	PIN JACK	KE1M1

K : KAC-7252 **K1** : KAC-7202 (North America)
E1 : KAC-7252 (Europe) **M1** : KAC-7252 (Other Areas)

⚠ Indicates safety critical components.

PARTS LIST

AUDIO UNIT (X09-5830-1x)

Ref. No.	Add	New	Parts No.	Description				Destination
J1		✻	E63-0926-05	PIN JACK				K1
J2		✻	E58-1031-05	RECTANGULAR RECEPTACLE				
J3			E70-0838-05	SCREW TERMINAL BOARD				KE1M1
J3		✻	E70-0843-05	SCREW TERMINAL BOARD				K1
J4		✻	E58-0966-15	RECTANGULAR RECEPTACLE				KE1M1
WH1		✻	E39-0710-05	WIRING HARNESS				
L1,2			L33-1937-05	CHOKE COIL				
L3		✻	L19-0771-05	TRANSFORMER FOR CONVERTER				
G	3B		N80-3010-43	PAN HEAD TAPTITE SCREW				
L	2B		N09-6217-05	TAPTITE SCREW (3X14)				
M	3B		N83-3006-43	PAN HEAD TAPTITE SCREW				
N	2B		N89-3008-43	BINDING HEAD TAPTITE SCREW				
R3,4			RD14BB2C133J	RD	13K	J	1/6W	
R5,6			RD14BB2C333J	RD	33K	J	1/6W	
R7,8			RD14DB2H100J	SMALL-RD	10	J	1/2W	
R9,10			RK73GB2A472J	CHIP R	4.7K	J	1/10W	
R11,12			RK73GB2A100J	CHIP R	10	J	1/10W	
R13,14			RK73GB2A560J	CHIP R	56	J	1/10W	
R15,16			RK73GB2A152J	CHIP R	1.5K	J	1/10W	
R17,18			RK73GB2A273J	CHIP R	27K	J	1/10W	
R19			RK73GB2A103J	CHIP R	10K	J	1/10W	
R20			RK73GB2A334J	CHIP R	330K	J	1/10W	
R21			RK73GB2A103J	CHIP R	10K	J	1/10W	
R22			RK73GB2A913J	CHIP R	91K	J	1/10W	
R23			RK73GB2A103J	CHIP R	10K	J	1/10W	
R24			RK73GB2A163J	CHIP R	16K	J	1/10W	
R25			RK73GB2A682J	CHIP R	6.8K	J	1/10W	
R26			RK73GB2A104J	CHIP R	100K	J	1/10W	
R27			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R28-30			RD14DB2H100J	SMALL-RD	10	J	1/2W	
R101,102			RD14BB2C102J	RD	1.0K	J	1/6W	
R103,104			RK73GB2A103J	CHIP R	10K	J	1/10W	
R105,106			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R107,108			RD14BB2C131J	RD	130	J	1/6W	
R109,110			RK73GB2A472J	CHIP R	4.7K	J	1/10W	
R111			RD14BB2C102J	RD	1.0K	J	1/6W	
R112-119			RN73GH1J103D	CHIP R	10K	D	1/16W	
R120,121			RK73GB2A1R0J	CHIP R	1.0	J	1/10W	
R122,123			RD14BB2C222J	RD	2.2K	J	1/6W	
R124-127			RD14BB2C473J	RD	47K	J	1/6W	
R128,129			RK73GB2A103J	CHIP R	10K	J	1/10W	
R130,131			RK73GB2A433J	CHIP R	43K	J	1/10W	
R132,133			RK73GB2A222J	CHIP R	2.2K	J	1/10W	KE1M1
R134,135			RK73GB2A223J	CHIP R	22K	J	1/10W	KE1M1
R136-139			RK73GB2A103J	CHIP R	10K	J	1/10W	KE1M1
R140,141			RK73GB2A163J	CHIP R	16K	J	1/10W	KE1M1
R142,143			RK73GB2A103J	CHIP R	10K	J	1/10W	KE1M1
R145,146			RK73GB2A102J	CHIP R	1.0K	J	1/10W	KE1M1
R147,148			RK73GB2A474J	CHIP R	470K	J	1/10W	KE1M1
R149,150			RK73GB2A163J	CHIP R	16K	J	1/10W	KE1M1
R151,152			RK73GB2A102J	CHIP R	1.0K	J	1/10W	KE1M1
R153			RK73GB2A471J	CHIP R	470	J	1/10W	KE1M1
R154			RK73GB2A272J	CHIP R	2.7K	J	1/10W	KE1M1

Ref. No.	Add	New	Parts No.	Description				Destination
R155			R92-0205-05	METAL-PLATE	0.1	K	2W	
R156			RK73GB2A103J	CHIP R	10K	J	1/10W	KE1M1
R157,158			RK73GB2A331J	CHIP R	330	J	1/10W	KE1M1
R159,160			RK73GB2A242J	CHIP R	2.4K	J	1/10W	KE1M1
R161-164			RK73GB2A223J	CHIP R	22K	J	1/10W	KE1M1
R165,166			RK73GB2A473J	CHIP R	47K	J	1/10W	KE1M1
R167,168			RK73EB2E181J	CHIP R	180	J	1/4W	KE1M1
R169			RD14BB2C101J	RD	100	J	1/6W	KE1M1
R170			RK73GB2A103J	CHIP R	10K	J	1/10W	
R171			RD14BB2C101J	RD	100	J	1/6W	KE1M1
R172-175			RD14NB2E4R7J	RD	4.7	J	1/4W	
R176			RK73GB2A473J	CHIP R	47K	J	1/10W	KE1M1
R177			RD14BB2C101J	RD	100	J	1/6W	KE1M1
R178			RD14BB2C8R2J	RD	8.2	J	1/6W	
R179			RD14BB2C101J	RD	100	J	1/6W	KE1M1
R181			RK73GB2A103J	CHIP R	10K	J	1/10W	
R184-187			RD14BB2C103J	RD	10K	J	1/6W	
R201			RK73GB2A103J	CHIP R	10K	J	1/10W	
R202			RD14NB2E100J	RD	10	J	1/4W	
R203,204			RD14BB2C223J	RD	22K	J	1/6W	
R205-208			RK73GB2A102J	CHIP R	1.0K	J	1/10W	
R209,210			RK73GB2A101J	CHIP R	100	J	1/10W	
R211,212			RD14BB2C102J	RD	1.0K	J	1/6W	
R213,214			RD14BB2C223J	RD	22K	J	1/6W	
R215-218			RK73GB2A151J	CHIP R	150	J	1/10W	
R219-222			RD14BB2C622J	RD	6.2K	J	1/6W	
R223,224			RK73GB2A151J	CHIP R	150	J	1/10W	
R225,226			RK73GB2A511J	CHIP R	510	J	1/10W	
R227,228			RK73GB2A103J	CHIP R	10K	J	1/10W	
R229-232			RK73GB2A153J	CHIP R	15K	J	1/10W	
R233-236			RD14NB2E101J	RD	100	J	1/4W	
R237,238			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R239,240			RK73GB2A182J	CHIP R	1.8K	J	1/10W	
R241,242			RK73GB2A682J	CHIP R	6.8K	J	1/10W	
R243			R92-0205-05	METAL-PLATE	0.1	K	2W	
R245-248			R92-0205-05	METAL-PLATE	0.1	K	2W	
R249,250			RK73GB2A222J	CHIP R	2.2K	J	1/10W	
R251			RK73GB2A330J	CHIP R	33	J	1/10W	
R257,258			R92-0205-05	METAL-PLATE	0.1	K	2W	
R260			RK73GB2A330J	CHIP R	33	J	1/10W	
R261,262			RD14NB2E471J	RD	470	J	1/4W	
R263,264			RK73GB2A152J	CHIP R	1.5K	J	1/10W	
R265,266			RK73GB2A103J	CHIP R	10K	J	1/10W	
R271,272			RD14NB2E471J	RD	470	J	1/4W	
R280			RK73GB2A103J	CHIP R	10K	J	1/10W	
R282			RK73GB2A332J	CHIP R	3.3K	J	1/10W	
R284			RK73GB2A332J	CHIP R	3.3K	J	1/10W	
R285			RK73GB2A103J	CHIP R	10K	J	1/10W	
R287			RK73GB2A103J	CHIP R	10K	J	1/10W	
R289,290			RK73GB2A101J	CHIP R	100	J	1/10W	
R341-344			RD14NB2E4R7J	RD	4.7	J	1/4W	
R406			RD14BB2C222J	RD	2.2K	J	1/6W	
R602			RK73GB2A473J	CHIP R	47K	J	1/10W	
R603			RK73GB2A101J	CHIP R	100	J	1/10W	
R604			RK73GB2A103J	CHIP R	10K	J	1/10W	

K : KAC-7252 **K1** : KAC-7202 (North America)
E1 : KAC-7252 (Europe) **M1** : KAC-7252 (Other Areas)

⚠ Indicates safety critical components.

PARTS LIST

AUDIO UNIT (X09-5830-1x)

Ref. No.	Add	New	Parts No.	Description	Destination
R605			RK73GB2A333J	CHIP R 33K J 1/10W	
R606			RK73GB2A103J	CHIP R 10K J 1/10W	
R607			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R608			RD14BB2E103J	RD 10K J 1/4W	
R609			RK73GB2A333J	CHIP R 33K J 1/10W	
R610			RK73GB2A303J	CHIP R 30K J 1/10W	
R611,612			RK73GB2A362J	CHIP R 3.6K J 1/10W	
R613			RK73GB2A152J	CHIP R 1.5K J 1/10W	
R614			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R615			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R616			RD14BB2C392J	RD 3.9K J 1/6W	
R617			RK73GB2A123J	CHIP R 12K J 1/10W	
R618			RK73GB2A104J	CHIP R 100K J 1/10W	
R619			RD14BB2C4R7J	RD 4.7 J 1/6W	
R620,621			RK73GB2A473J	CHIP R 47K J 1/10W	
R622,623			RK73GB2A103J	CHIP R 10K J 1/10W	
R624,625			RK73GB2A154J	CHIP R 150K J 1/10W	
R626			RK73GB2A681J	CHIP R 680 J 1/10W	
R627			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R629			RK73GB2A103J	CHIP R 10K J 1/10W	
R630			RK73GB2A473J	CHIP R 47K J 1/10W	
R631,632			RK73GB2A123J	CHIP R 12K J 1/10W	
R633			RK73GB2A622J	CHIP R 6.2K J 1/10W	
R634			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R635			RK73GB2A103J	CHIP R 10K J 1/10W	
R636			RK73GB2A104J	CHIP R 100K J 1/10W	
R637			RK73GB2A154J	CHIP R 150K J 1/10W	
R638			RK73GB2A223J	CHIP R 22K J 1/10W	
R639			RK73GB2A103J	CHIP R 10K J 1/10W	
R642			RK73GB2A752J	CHIP R 7.5K J 1/10W	
R643			RK73GB2A104J	CHIP R 100K J 1/10W	
R646			RK73GB2A183J	CHIP R 18K J 1/10W	
R647			RK73GB2A104J	CHIP R 100K J 1/10W	
R648			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R649			RK73GB2A473J	CHIP R 47K J 1/10W	
R650			RK73GB2A333J	CHIP R 33K J 1/10W	
R651			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R652			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R653			RK73GB2A273J	CHIP R 27K J 1/10W	
R656			RK73GB2A273J	CHIP R 27K J 1/10W	
R657			RK73GB2A152J	CHIP R 1.5K J 1/10W	
R658			RK73GB2A563J	CHIP R 56K J 1/10W	
R659			RK73GB2A562J	CHIP R 5.6K J 1/10W	
R660,661			RK73GB2A473J	CHIP R 47K J 1/10W	
R662,663			RK73GB2A103J	CHIP R 10K J 1/10W	
R664			RK73GB2A473J	CHIP R 47K J 1/10W	
R665,666			RK73GB2A682J	CHIP R 6.8K J 1/10W	
R667,668			RK73GB2A470J	CHIP R 47 J 1/10W	
VR1,2		✻	R32-0294-05	SEMI FIXED VARIABLE RESISTOR	
W301			R92-2053-05	CHIP R 0 OHM J 1/8W	
W302-307			R92-1252-05	CHIP R 0 OHM J 1/16W	
W308			R92-2053-05	CHIP R 0 OHM J 1/8W	
W309-311			R92-1252-05	CHIP R 0 OHM J 1/16W	
W312,313			R92-2053-05	CHIP R 0 OHM J 1/8W	
W314			R92-1252-05	CHIP R 0 OHM J 1/16W	
W315			R92-2053-05	CHIP R 0 OHM J 1/8W	
W317-322			R92-1252-05	CHIP R 0 OHM J 1/16W	
W323			R92-2053-05	CHIP R 0 OHM J 1/8W	
W324			R92-1252-05	CHIP R 0 OHM J 1/16W	
W325			R92-2053-05	CHIP R 0 OHM J 1/8W	
W326-329			R92-1252-05	CHIP R 0 OHM J 1/16W	
W330			R92-2053-05	CHIP R 0 OHM J 1/8W	
W331-337			R92-1252-05	CHIP R 0 OHM J 1/16W	
W338,339			R92-2053-05	CHIP R 0 OHM J 1/8W	
W340			R92-1252-05	CHIP R 0 OHM J 1/16W	
W342,343			R92-2053-05	CHIP R 0 OHM J 1/8W	
W344			R92-1252-05	CHIP R 0 OHM J 1/16W	
W345-348			R92-2053-05	CHIP R 0 OHM J 1/8W	
W349,350			R92-1252-05	CHIP R 0 OHM J 1/16W	
W351			R92-2053-05	CHIP R 0 OHM J 1/8W	
W352-356			R92-1252-05	CHIP R 0 OHM J 1/16W	
W357			R92-2053-05	CHIP R 0 OHM J 1/8W	
W358,359			R92-1252-05	CHIP R 0 OHM J 1/16W	
W361-364			R92-2053-05	CHIP R 0 OHM J 1/8W	
W366-368			R92-1252-05	CHIP R 0 OHM J 1/16W	
W369			R92-2053-05	CHIP R 0 OHM J 1/8W	
W370			R92-1252-05	CHIP R 0 OHM J 1/16W	
W371			R92-2053-05	CHIP R 0 OHM J 1/8W	
W372,373			R92-1252-05	CHIP R 0 OHM J 1/16W	
W374			R92-2053-05	CHIP R 0 OHM J 1/8W	
W375-378			R92-1252-05	CHIP R 0 OHM J 1/16W	
W379-381			R92-2053-05	CHIP R 0 OHM J 1/8W	
W382,383			R92-1252-05	CHIP R 0 OHM J 1/16W	
W384,385			R92-2053-05	CHIP R 0 OHM J 1/8W	
W386-389			R92-1252-05	CHIP R 0 OHM J 1/16W	
W390,391			R92-2053-05	CHIP R 0 OHM J 1/8W	
W392			R92-1252-05	CHIP R 0 OHM J 1/16W	
W393			R92-2053-05	CHIP R 0 OHM J 1/8W	
W501,502			R92-1252-05	CHIP R 0 OHM J 1/16W	K1
D1,2			RM4ZLF-J1NF	DIODE	
D3,4			02DZ16F-Y	ZENER DIODE	
D5			FCH10A20	DIODE	
D6			FRH10A20	DIODE	
D7-9			1SS133	DIODE	
D10			LM1MA142WK-G	DIODE	
D101			LM1MA142WK-G	DIODE	
D102			LM1MA142WA-G	DIODE	
D103			UMZ6.8N	ZENER DIODE	
D104,105			LM1MA142WK-G	DIODE	
D106,107			LM1MA142WA-G	DIODE	
D108			1SS133	DIODE	KE1M1
D109		✻	02DZ5.1F-Y	ZENER DIODE	KE1M1
D152			1SS133	DIODE	
D203-206			1SS133	DIODE	
D229			LM1MA142WA-G	DIODE	
D251			1SS133	DIODE	
D253			LM1MA142WK-G	DIODE	
D254			LM1MA142WA-G	DIODE	
D255			LM1MA142WK-G	DIODE	

K : KAC-7252 **K1** : KAC-7202 (North America)
E1 : KAC-7252 (Europe) **M1** : KAC-7252 (Other Areas)

⚠ Indicates safety critical components.

PARTS LIST

AUDIO UNIT (X09-5830-1x)

Ref. No.	Add	New	Parts No.	Description	Destination
D260,261			1SS133	DIODE	
D295			LM1MA142WA-G	DIODE	
D601-603			1SS133	DIODE	
D604		✻	02DZ10F-Y	ZENER DIODE	
D605			1SS133	DIODE	
D606		✻	02DZ15F-Y	ZENER DIODE	
D607			02DZ6.8F-Y	ZENER DIODE	
D608		✻	02DZ12F-Y	ZENER DIODE	
D610-613			1SS133	DIODE	
D614		✻	02DZ10F-Y	ZENER DIODE	
D615,616			1SS133	DIODE	
D617			LM1MA142WK-G	DIODE	
IC1			RC4580IDR	ANALOGUE IC	
IC5		✻	TL494IDR	ANALOGUE IC	
IC6			RC4580IDR	ANALOGUE IC	
IC7-9			NJM2172V-ZBTE2	ANALOGUE IC	KE1M1
IC12			RC4580IDR	ANALOGUE IC	K1
IC12,13			RC4580IDR	ANALOGUE IC	KE1M1
IC15,16			RC4580IDR	ANALOGUE IC	KE1M1
IC16			RC4580IDR	ANALOGUE IC	K1
Q1			2SD2012-F	TRANSISTOR	
Q2			2SB1375-F	TRANSISTOR	
Q3-8			2SK3662-F	FET	
Q9			2SC4097	TRANSISTOR	
Q10,11			2SA1577	TRANSISTOR	
Q12			2SC4097	TRANSISTOR	
Q13,14			DTA114EUA	DIGITAL TRANSISTOR	
Q101			2SC4081	TRANSISTOR	KE1M1
Q201-204			2SA992-A(F,E)	TRANSISTOR	
Q205-208			2SC3478AA(L,K)	TRANSISTOR	
Q209,210			2SA1376AA(L,K)	TRANSISTOR	
Q211		✻	2SC3419(Y)-F	TRANSISTOR	
Q213		✻	2SC3419(Y)-F	TRANSISTOR	
Q215,216			2SC1845-A(F,E)	TRANSISTOR	
Q217,218			2SA992-A(F,E)	TRANSISTOR	
Q220			2SC4467NF	TRANSISTOR	
Q222		✻	2SA1694NF	TRANSISTOR	
Q223,224			2SC4467NF	TRANSISTOR	
Q225,226		✻	2SA1694NF	TRANSISTOR	
Q227			2SC4467NF	TRANSISTOR	
Q229		✻	2SA1694NF	TRANSISTOR	
Q241,242			2SC4081	TRANSISTOR	
Q251			2SC2235-F	TRANSISTOR	
Q252			2SA965-F	TRANSISTOR	
Q253			2SC2235-F	TRANSISTOR	
Q254,255			2SA965-F	TRANSISTOR	
Q256			2SC2235-F	TRANSISTOR	
Q257			2SA965-F	TRANSISTOR	
Q258			2SC2235-F	TRANSISTOR	
Q280			2SC4081	TRANSISTOR	
Q282			2SC4081	TRANSISTOR	
Q601			2SC1845-A(F,E)	TRANSISTOR	
Q602			2SC4081	TRANSISTOR	
Q603			2SA1576A	TRANSISTOR	
Q604			2SB1241	TRANSISTOR	

Ref. No.	Add	New	Parts No.	Description	Destination
Q605,606			2SC4081	TRANSISTOR	
Q607,608			2SA992-A(F,E)	TRANSISTOR	
Q609			2SD1863	TRANSISTOR	
Q610-613			2SC945AA(Q,P)	TRANSISTOR	
Q614,615			2SA1576A	TRANSISTOR	
Q616			2SC4081	TRANSISTOR	
Q617			2SA1576A	TRANSISTOR	
Q618			2SC4081	TRANSISTOR	
Q619,620			DTC114EUA	DIGITAL TRANSISTOR	
Q621			DTA114EUA	DIGITAL TRANSISTOR	
Q622,623			DTC114EUA	DIGITAL TRANSISTOR	
TH201,202			NT732ATTD103J	THERMISTOR	
TH601,602			NT732ATTD103J	THERMISTOR	
TH605			NT732ATTD103J	THERMISTOR	

K : KAC-7252 **K1** : KAC-7202 (North America)
E1 : KAC-7252 (Europe) **M1** : KAC-7252 (Other Areas)

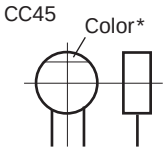
⚠ Indicates safety critical components.

PARTS LIST

CAPACITORS

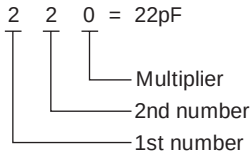
CC	45	TH	1H	220	J
1	2	3	4	5	6

1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, etc.
3 = Temp. coefficient
4 = Voltage rating
5 = Value
6 = Tolerance



• Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	–80	–150	–220	–330	–470	–750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = –470±60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40 –20	+80 –20	+100 –0	More than 10μF : –10~+50 Less than 4.7μF : –10~+75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

• Voltage rating

2nd word / 1st word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	–
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	–
3	1000	1250	1600	2000	2500	2150	4000	5000	6300	8000	–

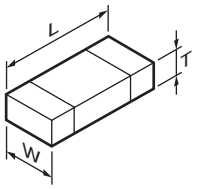
CHIP CAPACITORS

(EX) CC 73 F SL 1H 000 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)

(EX) CK 73 F F 1H 000 Z
1 2 3 4 5 6 7
(Chip) (B, F)

Refer to the table above.
1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

• Dimension



Chip capacitor

Code	L	W	T
Empty	5.6±0.5	5.0±0.5	Less than 2.0
A	4.5±0.5	3.2±0.4	Less than 2.0
B	4.5±0.5	2.0±0.3	Less than 2.0
C	4.5±0.5	1.25±0.2	Less than 1.25
D	3.2±0.4	2.5±0.3	Less than 1.5
E	3.2±0.2	1.6±0.2	Less than 1.25
F	2.0±0.3	1.25±0.2	Less than 1.25
G	1.6±0.2	0.8±0.2	Less than 1.0
H	1.0±0.05	0.5±0.05	0.5±0.05

Chip resistor

Code	L	W	T
E	3.2±0.2	1.6±0.2	1.0
F	2.0±0.3	1.25±0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1
H	1.0±0.05	0.5±0.05	0.35±0.05

RESISTORS

• Chip resistor (Carbon)

(EX) RD 73 E B 2B 000 J
1 2 3 4 5 6 7
(Chip) (B, F)

• Carbon resistor (Normal type)

(EX) RD 14 B B 2C 000 J
1 2 3 4 5 6 7
(Chip) (B, F)

1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, etc.
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

• Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

KAC-7202/7252

SPECIFICATIONS

Audio Section

Max Power Output
- KAC-7252 ..... 1000W
- KAC-7202 ..... 920W

Rated Power Output (+B=14.4V)
- Normal (4Ω) (20Hz~20kHz, 0.08% THD)
  - KAC-7252 ..... 170W x 2
  - KAC-7202 ..... 150W x 2
- Normal (4Ω) (DIN : 45324, +B=14.4V)
  - KAC-7252 ..... 170W x 2
  - KAC-7202 ..... 150W x 2
- Normal (2Ω) (1kHz, 0.8% THD)
  - KAC-7252 ..... 250W x 2
  - KAC-7202 ..... 230W x 2
- Bridged (4Ω) (1kHz, 0.8% THD)
  - KAC-7252 ..... 500W x 1
  - KAC-7202 ..... 460W x 1

Sensitivity (rated output)
- MAX 0.2V
- MIN 5.0V

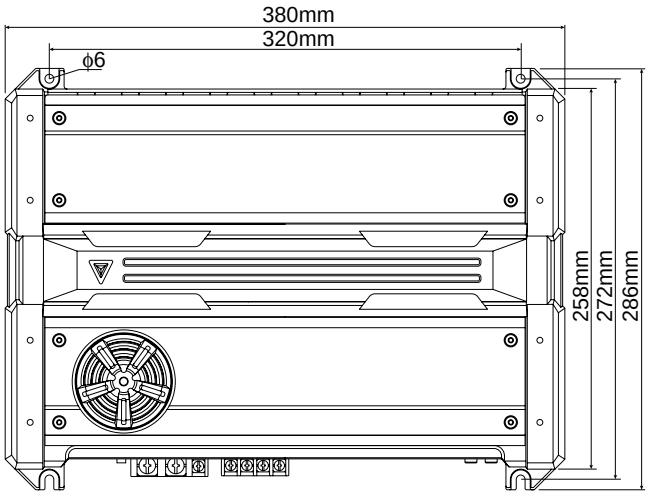
Input Impedance 10kΩ
Frequency Response (+0, -3dB) ..... 5Hz~50kHz
Signal to Noise Ratio ..... ≦100dB
Low Pass Filter Frequency (24dB/oct.) .... 50~200Hz (variable)
High Pass Filter Frequency (12dB/oct.) ... 50~200Hz (variable)
Bass Boost Circuit ..... 0~+18dB (variable)
Bass Boost Frequency
- KAC-7252 ..... 40~100Hz (variable)
- KAC-7202 ..... 40Hz

General

Operating Voltage ..... 14.4V (11~16V allowable)
Current Consumption 40A
Installation Size (W x H x D) ..... 380 x 61 x 286mm
Weight
- KAC-7252 ..... 5.8kg
- KAC-7202 ..... 5.7kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Installation



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